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Attorney Docket No. P69451US1

UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of Andreas EBNETH et al.

Serial No.: 10/586,329

Filed: July 14, 2006

For: METHOD FOR EXAMINING THE ACTIVITY OF ION CHANNELS

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

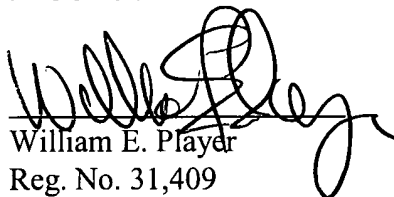
In accordance with the duty of disclosure, references are cited on the attached Form PTO-1449 and, as appropriate, copies of the cited references are attached. Relevance of cited references is indicated in the attached International Search Report of International Application No. PCT/EP2005/000301 and the European Search Report of EP 04 00 0721, which are corresponding foreign applications.

This paper is being filed before first action on the merits or within 3 months of the application filing date or date of entry into the national stage. Accordingly, no fee is required. Should a fee be required, please charge it to Deposit Account No. 06-1358.

Respectfully submitted,

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Date: October 25, 2006
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FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

LIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

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U.S. PATENT DOCUMENTS

Examiner ¹	Ref. #	Document No.	Date	Patentee/Applicant

FOREIGN PATENT DOCUMENTS

	Country	Document No.	Translation	Abstract	Date	Patentee
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NON-PATENT DOCUMENTS

Examiner ¹	Ref. #	Author (in CAPITAL LETTERS), Title, Book or Periodical, Volume, Date, Pages)
		HARPER, JACQUIE L. et al., "Store-operated calcium channels in HL-60 cells: Effects of temperature, differentiation and loperamide" Life Sciences, Bd. 67, NR. 6, 30. June 2000, pgs. 651-662
		ZHOU, ZHENG FENG et al., "Properties of HERG Channels Stably Expressed in HEK 293 Cells Studied at Physiological Temperature" January 1998, Biophysical Journal, Vol. 74, NR. 1 pgs. 230-241
		ZHOU, Z. et al., "Correction of Defective Protein Trafficking of a Mutant HERG Potassium Channel in Human Long QT Syndrome. Pharmacological and Temperature effects." October 29, 1999, The Journal of Biological Chemistry, Vol. 274, NR. 44, pgs. 31123-31126
		WANG, JIXIN et al., "Functional and pharmacological properties of canine ERG potassium channels" American Journal of Physiology. Heart and Circulatory Physiology, January 2003, pgs. H256-H267
		TANG, WEIMIN et al., "Development and Evaluation of High Throughput Functional Assay Methods for hERG Potassium Channel," Journal of Biomolecular Screening, 6(5), 325-331
		BAXTER, DEBORAH F. et al., "A Novel Membrane Potential-Sensitive Fluorescent Dye Improves Cell-Based Assays for Ion Channels" Journal of Biomolecular Screening, 7(1), 79-85

Examiner Signature

Date Considered

¹Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 1 of 2

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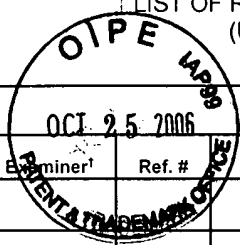
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FOREIGN PATENT DOCUMENTS

	Country	Document No.	Translation	Abstract	Date	Patentee
	WO	02/31508 A1	<input type="checkbox"/>	<input type="checkbox"/>	04-18-2002	BRISTOL-MYERS SQUIBB COMPANY
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			<input type="checkbox"/>	<input type="checkbox"/>		
			<input type="checkbox"/>	<input type="checkbox"/>		

NON-PATENT DOCUMENTS

Examiner [†]	Ref. #	Author (in CAPITAL LETTERS), Title, Book or Periodical, Volume, Date, Pages)
		SIEM-FUNG, D. J. et al., "The Effect of Temperature on Veratridine Action in Squid Giant Axons" Biochimica et Biophysica Acta, vol. 728, no. 3, 1983, pgs. 305-310
		KIM, C. S. et al., "Voltage-dependent calcium channels in ventricular cells of rainbow trout: effect of temperature changes in vitro." American Journal of Physiology, Regulatory, Integrative and Comparative Physiology, June 2000, vol. 278, no. 6, June 2000
		MITSUIYE TAMOTSU et al., "Temperature Dependence of the Inward Rectifier K ⁺ Channel Gating in Guinea-Pig Ventricular Cells" Japanese Journal of Physiology, vol. 47, no. 1, 1997, pgs. 73-79
		CHUNG, SHIN-HO et al., "Changes in the kinetics and conductance of N-methyl-D-aspartate (NMDA)-receptor activated single channels with temperature" Neuroscience Letters, vol. 187, no. 3, 1995, pgs. 181-184
		DING, J. P. et al., "Modulation of mechanosensitive calcium-selective cation channels by temperature." The Plant Journal: For Cell and Molecular Biology, May 1993, vol. 3, no. 5, May 1993, pgs. 713-720
		NETZER, RAINER et al., "Screening lead compounds for QT interval prolongation" Drug Discovery Today, Elsevier Science Ltd., GB., vol. 6, no. 2, January 2001, pgs. 78-84
		NUMANN, R. et al., "High-Throughput Screening Strategies for Cardiac Ion Channels" Trends in Cardiovascular Medicine 2001 United States, vol. 11, no. 2, 2001, pgs. 54-59

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